# Sugar Industry international

Sugar Starch/Carbohydrates Biofuels Zucker Stärke/Kohlenhydrate Biotreibstoffe

# **Keywords**

- 1. Mark the keywords, under which you want to be listed
- 2. Send it together with your companies address by email to info@bartens.com and we will send you an offer

#### Α

Abrasion resistance Acetaldehyde plants Acetic acid fermentation plants Acetone plants Activated carbon plants

(granular)

— Activated carbon (granul

Activated carbon (granulated)
 Actuators

Adsorbents

Air pollution control

- Flue gas desulfurization plants
- Scrubbers for flue gas
   Antifoams
   Assembling works
   Autoclaves

## В

Bag emptying machines Bagasse depithing installations Bagasse utilization plants Beet cleaning machines (field) Beet cleaning machines, mobile Beet diffusers

Cossette scalders
 Beet harvesting machines
 Beet leaf processing plants

- Beet leaf washers
- Choppers for beet leaves
   Beet pulp processing

installations

- Fine pulp presses
- Fine pulp separators
- Pulp press water treatment
- Pulp presses

Beet reception systems Beet samplers

- Beet brei saws

Beet soil treatment

- Beet soil composting
- Beet soil dewatering

Beet sowing machines
Beet sugar factories, design/
erection

Beet tail processing plants

- Beet tail catchers
- Beet tail choppers
- Beet tail washers

Beet unloading, storage and reclaiming

- Beet bins
- Beet fluming equipment
- Dirt and trash separators
- Movable beet tipping and piling plants
- Reclaimers for beet
- Spray nozzles
- Stationary dry unloading plants
- Wet unloading plants
   Beet washers
- Jet-type washers
- Water separators

Bend screens

Biodiesel installations

- Biodiesel purification plants
- Methanol recovery
- Transesterification reactors Bioethanol plants
- Batch fermentation plants
- CO<sub>2</sub> recovery (fermentation)
- Continuous fermentation plants
- Dehydration plants
- Design and erection
- Distillation plants
- Yeast separation plants

Biogas plants

Bone char

Bone char plants

Books

Bulk material aggregates

- Line diverters for bulk material
- Rotary valves
- Valves for bulk service
   Burners for gas and oil

#### C

CAD-CAP-CIM-PPS-systems Candy sugar plants Cane harvesters

Cane loaders

Cane reception systems
Cane samplers

Cane sugar factories, design/

Cane transport equipment Cane unloading installations

Tipping equipments for cane trucks

Cane washing equipment

Cane washing equipment drives

Carbon reactivation – multiple hearth furnace

Centre infeed rotary screens Centrifugal accessories Centrifugal drives

Centrifugals for fructose Centrifugals for glucose (dextrose)

Centrifugals for starch production

- Decanter
- Disc centrifugals (separators)
- Ploughing centrifugals
- Screening centrifugals

Centrifugals for sugar

- Continuous centrifugals
- Discontinuous centrifugals
- Mixers (Centrifugals)

Centrifugals screens

Centrifugals, steam sterilizable

Chemicals for beet growing

- Fungicides (beet)
- Herbicides (beet)
- Insecticides (beet)

Chemicals for operation Chemicals for sugar cane

- growing

   Cane ripeners
- Fungicides (cane growing)
- Herbicides (cane growing)

Chimney constructions

Chromatography equipment Citric acid plants

Clack valves

Clarifiers

Flocculation aids

Cleaning aids

Coating

Cogeneration plants

Condensers for vapours Consultancy services

Containers

- Bunkers
- Tanks
- Tanks for stirrers
   Controllers
- Analog controllers
- Digital controllers
- Two and three position controllers

Conveyor plant accessories

- Belt conveyor pulleys
- Belt drums
- Belts
- Chain wheels
- Chains
- Elevator buckets
- Precision driving chains
- Worms

Conveyor plants

- Belt conveyors
- Bucket elevator
- Contract manufacturing
- Cranes and lifting equipment
- Elevators
- Lifting wheels
- Package conveyors
- Palettising machines
- Pneumatic conveyors
- Rake conveyors
- Tractors and trucks
- Trough chain conveyors
- Vibratory conveyors
- Worm conveyors

Cooling plants

- Cooling towers
- Molasses coolers
- Pulp cooling plantsSugar cooling plants

Corrosion inhibitors

Crystallization aids

Crystallizers for dextrose/glucose

Crystallizers for food ingredients

Crystallizers for fructose Crystallizers for inorganic

Crystallizers for salts

chemicals

Crystallizers for sugar

– Batch vacuum pans

- Continuous vacuum pans
- Continuous vacuumCooling crystallizers
- Seed magma installations

Cube sugar plants

Plants for press cubes

D

Degerming mills

Denaturing agents for Ethanol

Descaling equipments

Dewatering presses

Dextrin plants

Digestate drier

Dosing units

Dried pulp pelleting presses

- Pellets silos

Dried pulp storage

Drives

Dry milling installations (corn)

Drying plants

- Bagasse driers

- Beet leaf driers

- Corn Gluten Feed Driers

- DDGS driers

- Drying kilns

- Food ingredients driers

Germ driers

- Glucose (Dextrose) driers

Gluten driers

- Mineral driers

- Pulp driers

Slops drier

Starch driers/starch derivates

- Sugar driers

Dust collection plants

- Dry dust separators

Wet dust collectors

## E

Electrical equipment

- Electric motors

Frequency changers

- Switch gears

Electronic controlling equipment

Engineering

**Entrainment separators** 

Enzymes

Ethyl acetate plants

Evaporators

Falling film evaporators

- Plate evaporators

Explosion protection plants Extraction plants for cane

- Cane conveyor drives

- Cane conveyors

Cane diffusers

Cane feeder tables

- Cane mill accessories

Cane mill hydraulics

– Cane mills

Cane preparation plants

- Crushers

Knives

Mill couplings

- Mill drives

- Mill gears

- Mill roll bearings

- Mill rolls

- Shredders

Extraction plants for chicoree

## F

Fans

Fermenters

Filter accessories

- Filter candles

Filter cartridges

Filter elements

Filter frames

- Filter hoses

- Filter plates

- Filter pockets

Filter aids

Filtering fabrics

- Filter bags

- Filter cloths

Filter stockings

Filters

- Bag filters

Belt filter presses

Candle filters

Cartridge filters

- Cell-less drum filters

Cell-type drum filters

Chamber filter presses

Diaphragm filter presses

Disc filters

- Filter thickeners

Filters for sterile air

- Frame filter presses

Frame filters

Plate filters

- Rotorfilters

- Screen basket filters

Sterilizing filtersFire protection

Firing equipment

Firing systems

Fittings, mountings, valves

Stainless steel fittings
 Flotation equipment
 Fructose installations

#### G

Gas washers

Gears

Generators

Gluconic acid plants

Glucose installations

# Н

Heaters

Heat exchangers

Heat recovery installations

Preheaters

Heat pumps HFCS plants

Hydrocyclones

Hydrogenation plants

#### 1

Indicators and recording instruments

Industrial and heating power plants

Information systems

Inhibitors

Inspection and testing Insulations, installers Ion exchange plants

Decalcification

Decolorization

Demineralization

Softening

Ion exchange resins

Decolorizing resins

Irrigation equipment

# J

Jet extractors Jet refiners

Juice purification plants for beet Juice purification plants for sugarcane

#### L

Laboratory equipment

Laboratory equipment

Analysis automation

Analytical sieve shakersAutomatic dilution and dos-

age systemsBeet brei analyzers

- beet biel allalyzers

Beet sampling washersColour type measuring instruments

Density meters

Fk meters

Gas chromatography apparatus

Grain size analysers

HPLC-apparatus and analyzers

Laboratory scales

NIR analyzers

Photometers

Polarimeters

RefractometersTitrators

- Viscometers

Lactic acid plants Lactitol plants Leaf catchers Lime kilns

- Carbon dioxide washers

Lime kiln bricklaying
 Lime milk preparation

Classifiers

Lime slaking plants

Limestone preparation plants Liquid sugar plants

Lubricating agents

#### M

Magnets (Separators) Maintenance Maltitol plants

Malto-dextrin and glucose plants

Management consulting Mannitol plants

Measuring amplifiers

Measuring and process control systems

Beet conveyors, process control systems

Cane mills, process control systems

Centrifugals, process control systemsDiffusers, process control

systemsDistillation plants, process

control systems

– Drying plants, process control

systemsElectric power generating plants, process control sys-

Evaporators, process control systems

Fermenters, process control systems

Juice purification plants, control systemsLiquid sugar plants, process

control systems

Operational data recording

Pneumatic installations

Starch factories, process control systemsStarch saccharification plants,

process control systemsSteam boilers, process control systems

Vacuum pans, process control systems

 Waste water treatment, process control systems Measuring devices

- Alkalinity meters
- Conductivity meters
- Density meters, online
- Dust monitors
- Flow meters
- Humidity meters, online
- Level meters
- Measuring devices for stack gases
- Measuring devices for sugar colour
- Measuring devices for weight
- Measuring electrodes
- Particle analysis
- pH-electrodes
- pH-meters
- Pneumatic regulating valves
- Pressure meters
- Process automation
- Process colorimeters
- Process polarimeters
- Process refractometers
- Process viscometers, rheom-
- Speedometers
- Temperature sensors
- Turbiditimeters, online
- Turbity meters
- Waste water measuring devices

Measuring transducers Membrane filter installations

Membranes

Metal detectors

Mixers, industrial Stirrers

Molasses utilization plants

- Desugarizing plants
- Mixing plants for molasses and dried beet pulp

Molecular sieve dehydration installations

Molecular sieves

#### Ν

NIR process analyzers Noise insulation Nozzles

Oil expeller presses

#### Ρ

Packing machines

- Bagging and filling machines
- Collective packing machines
- Packaging machines
- Sealing machines

Palettising installations

Pervaporation plants

Phosphatation plants

Plant based proteins

Plant construction Potato discharging equipment

Potato fluming equipment

Potato rasps

Pressed pulp conservation

Presses for corn germs

Presses for corn gluten feed

**Process computers** 

Process control systems Pumps and compressors

- Centrifugal pumps
- Diaphragm pumps
- Dosing pumps
- Eccentric screw pumps
- External gear pumps
- Jet pumps
- Liquid ring pumps
- Peristaltic pumps
- Positive displacement pumps
- Refrigeration compressor
- Rotary abutment pumps
- Rotary lobe pumps
- Rotary piston compressors
- Screw pumps
- Special constructions
- Vacuum pumps
- Vapour compressors

## R

Rectification plants Refineries, design/erection Reinforced concrete construc-

tions

Repairs

Reverse osmosis

Rubber materials

Sample Divider Scale inhibitors Screening machines Screening materials

- Drilled plates
- Perforated sheets
- Screening fabrics
- Sieve gratings
- Slotted screens

Screw heat exchanger

Seals

- Flat jointings
- Mechanical seals
- Stuffingbox packings

Second-hand equipment Separation plants for fructose/

dextrose

Separators

Sheet metal Sight glasses

Slicers

- Beet knife preparation equipment
- Beet knives
- Equipment for fully automatic knife-box exchange
- Knife boxes

Slop utilization plants

Sorbitol plants

Sorting maschines

Starch factories, design/erection

Starch saccharification plants

- Acid-catalyzed starch saccharification plants
- Enzymatic saccharification plants

Steam boilers

- Bagasse furnaces
- Boiler cleaning
- Feed water conditioning

Steam traps Steam turbines

Steel constructions

Sterilizers

Stone catchers

Stone washers

Sugar beet seed

Sugar conditioning Sugar milling plants for icing

Sugar sifting plants

- Sugar storage Conveyors for silos
- Sugar silos

Sugar transport

Sulfitation plants

Sulfur kilns

## T

Technical services Transformers

Tube cleaning machines

Tubes

- Bends
- Compensators
- Pipe fittings
- Pipeline installation
- Stainless steel tubes

**Turbines** 

Turnkey installations

#### U

Ultrafiltration installations UV disinfection plants

#### ٧

Vapor compressors Vibration sieves

#### W

Waste water treatment plants

- Aerobic water purification plants
- Anaerobic water purification plants - Mechanical water treatment
- plants Solids separators
- Water conditioning Weighing machines
- Gross and net bagging and filling weighers

Wet milling plants (corn) Wheat starch separators

Wheel washing systems

Xanthan plants Xylitol plants

Yeast propagation

Yeast factories, design/erection